

FIG. 1

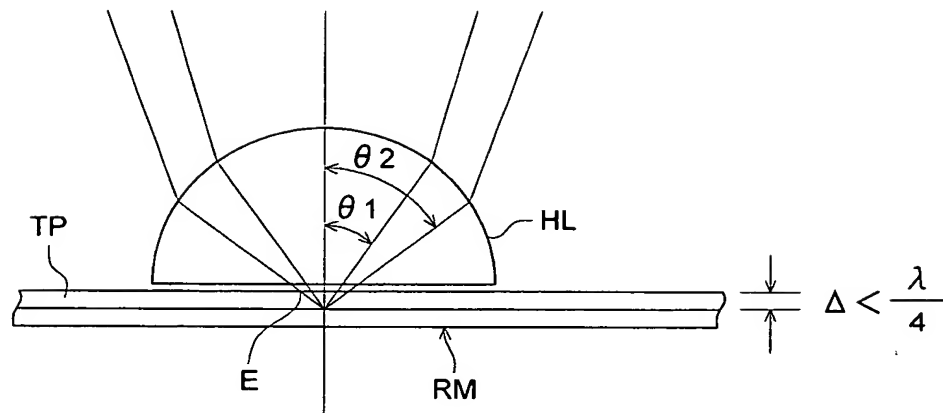


FIG. 2

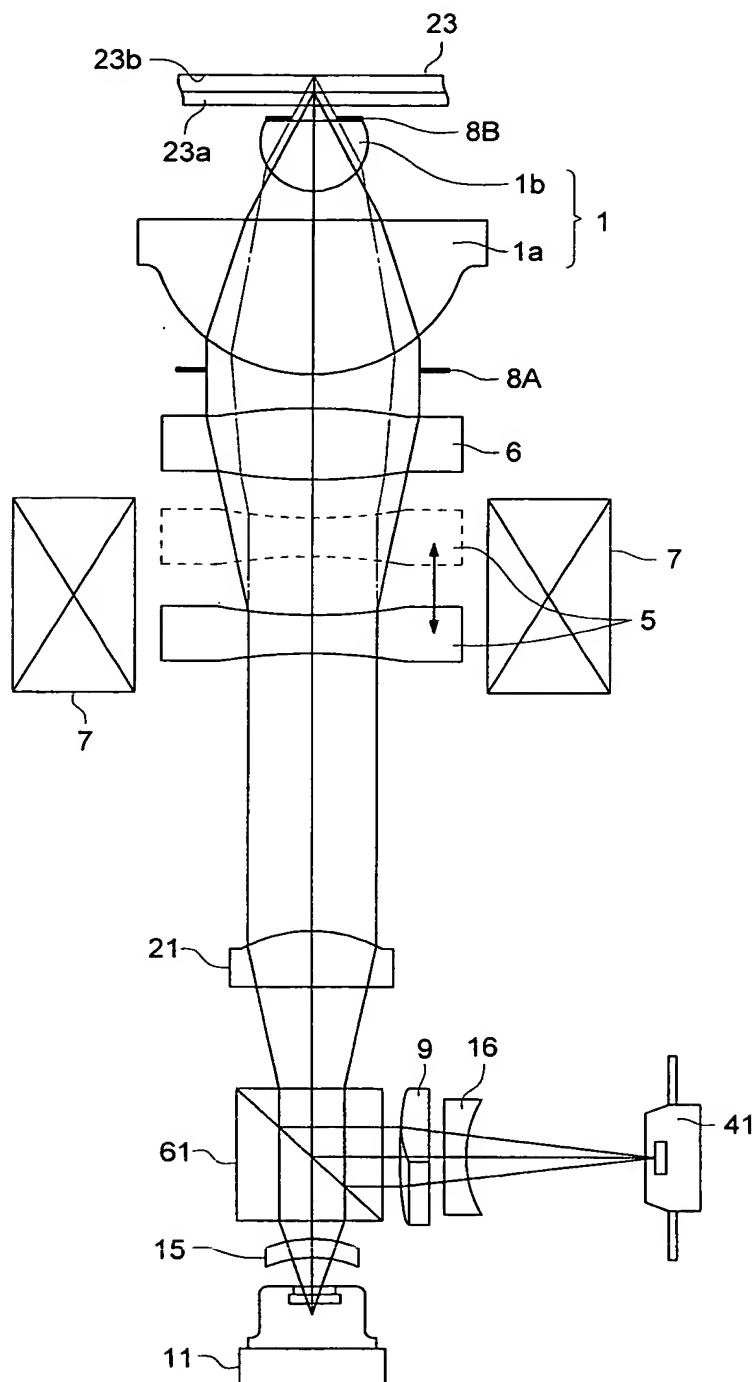


FIG. 3

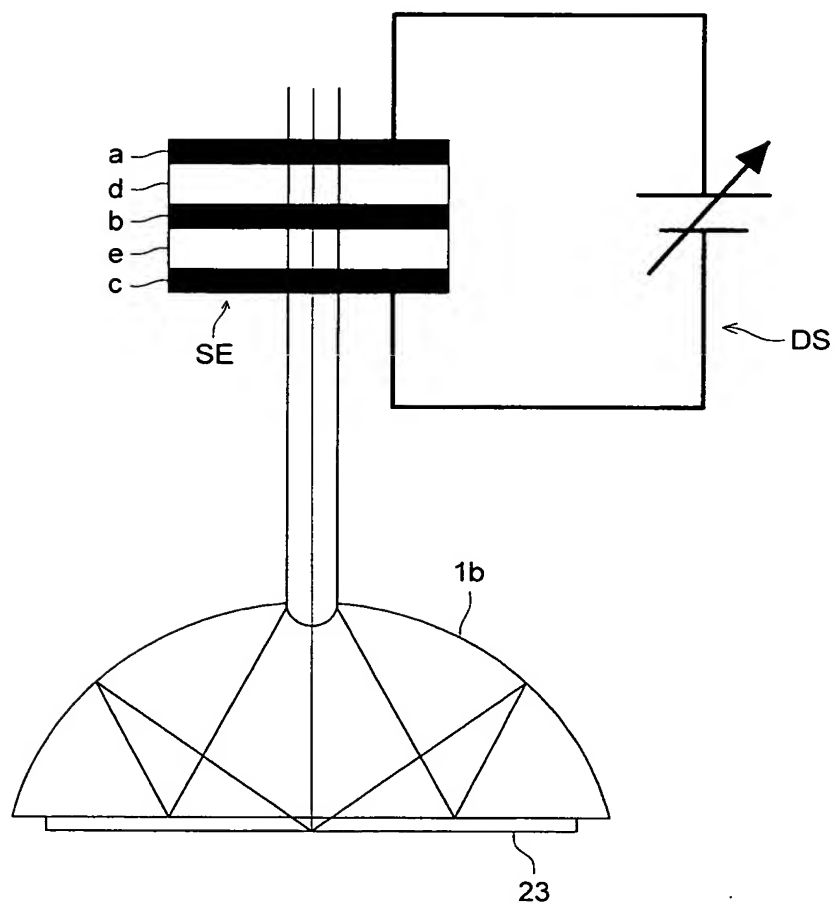




FIG. 5 (a)

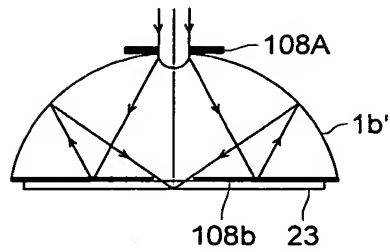


FIG. 5 (b)

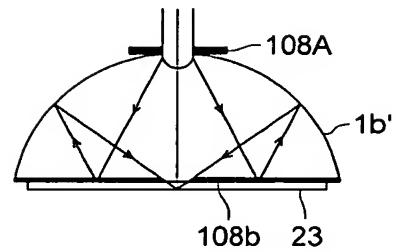


FIG. 6 (a)

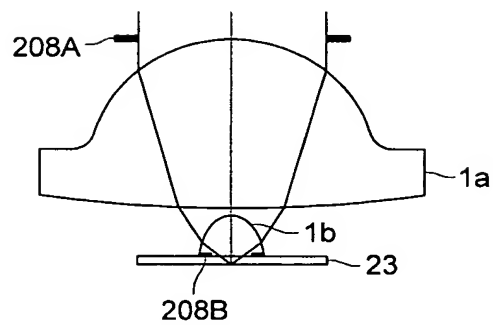


FIG. 6 (b)

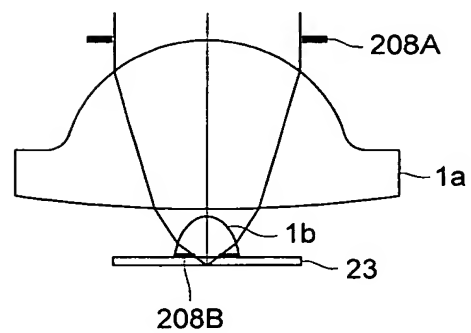


FIG. 7 (a)

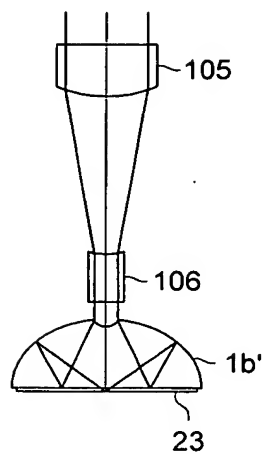


FIG. 7 (b)

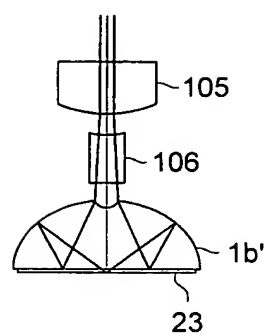


FIG. 8 (b)

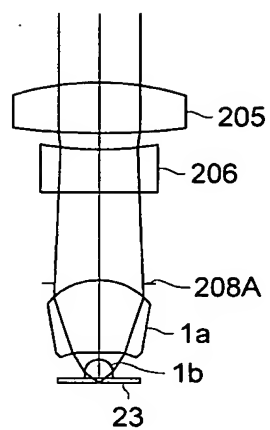


FIG. 9 (b)

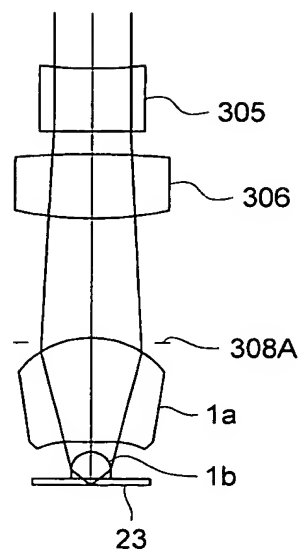




Figure 1 is a schematic diagram of a light beam focusing system. A light beam 1a is directed by a lens 1b towards a substrate 23. The beam is focused at point P' on the substrate surface. The distance from the lens to the substrate is S, and the distance from the lens to the focal point P' is S'. The refractive index of the lens is n, and the refractive index of the substrate is n'. The radius of curvature of the lens is r. The focal point P is located at a distance v from the lens.